

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061119\
 Data File : VX010222.D
 Acq On : 11 Jun 2019 11:11
 Operator : JC/SP
 Sample : VX0611WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/12/2019 9:21:37 AM

Quant Time: Jun 12 08:03:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	251070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	339686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178560	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	113010	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	5.50	113	114915	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	8.71	98	431692	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.13	95	155026	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	46610	20.176	ug/l	99
3) Chloromethane	1.33	50	46093	20.090	ug/l	99
4) Vinyl Chloride	1.41	62	47020	21.806	ug/l	97
5) Bromomethane	1.64	94	24107	29.626	ug/l	93
6) Chloroethane	1.72	64	27892	25.656	ug/l	95
7) Trichlorofluoromethane	1.93	101	72363	22.592	ug/l	100
8) Diethyl Ether	2.19	74	25827	23.394	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42104	19.070	ug/l	93
10) Methyl Iodide	2.51	142	65532	19.156	ug/l	96
11) Tert butyl alcohol	3.04	59	61918	103.135	ug/l	100
12) 1,1-Dichloroethene	2.37	96	42320	18.766	ug/l #	79
13) Acrolein	2.29	56	11552	105.527	ug/l	96
14) Allyl chloride	2.73	41	61661	18.114	ug/l #	89
15) Acrylonitrile	3.14	53	120889	98.514	ug/l	99
16) Acetone	2.44	43	112734	97.802	ug/l #	88
17) Carbon Disulfide	2.57	76	113667	17.444	ug/l	100
18) Methyl Acetate	2.78	43	48709	19.215	ug/l #	83
19) Methyl tert-butyl Ether	3.20	73	134609	18.579	ug/l	92
20) Methylene Chloride	2.85	84	46658	18.431	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	45038	18.046	ug/l #	77
22) Diisopropyl ether	3.85	45	124361	19.108	ug/l #	95
23) Vinyl Acetate	3.81	43	555192	95.620	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	73496	18.599	ug/l	95
25) 2-Butanone	4.67	43	170467	99.314	ug/l #	84
26) 2,2-Dichloropropane	4.58	77	65733	18.234	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	53438	19.247	ug/l	76
28) Bromochloromethane	5.02	49	33242	18.770	ug/l #	47
29) Tetrahydrofuran	5.13	42	105706	97.993	ug/l #	75
30) Chloroform	5.21	83	77203	18.812	ug/l	98
31) Cyclohexane	5.58	56	67080	18.809	ug/l #	79
32) 1,1,1-Trichloroethane	5.49	97	70160	18.185	ug/l	94
36) 1,1-Dichloropropene	5.80	75	55725	18.258	ug/l	91
37) Ethyl Acetate	4.83	43	62198	19.586	ug/l #	90
38) Carbon Tetrachloride	5.79	117	63838	18.479	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	76690	18.453	ug/l #	81
40) Benzene	6.14	78	182639	19.352	ug/l	100
41) Methacrylonitrile	5.04	41	32479	18.907	ug/l #	83
42) 1,2-Dichloroethane	6.20	62	55849	18.536	ug/l	92
43) Isopropyl Acetate	6.45	43	100578	18.943	ug/l #	89
44) Trichloroethene	7.21	130	58336	20.506	ug/l	90
45) 1,2-Dichloropropane	7.51	63	45477	19.252	ug/l	98
46) Dibromomethane	7.66	93	32783	18.525	ug/l	90
47) Bromodichloromethane	7.90	83	61237	18.518	ug/l #	96
48) Methyl methacrylate	7.77	41	47074	18.957	ug/l #	76
49) 1,4-Dioxane	7.74	88	28813	406.977	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	322990	101.826	ug/l	89
52) Toluene	8.79	92	121246	19.544	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	67854	17.740	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	75958	18.524	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	50029	19.691	ug/l	95
56) Ethyl methacrylate	9.18	69	76381	19.031	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	76892	19.223	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	187633	99.169	ug/l #	85
59) 2-Hexanone	9.49	43	258819	102.339	ug/l	87
60) Dibromochloromethane	9.58	129	56063	18.655	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53778	19.005	ug/l	99
64) Tetrachloroethene	9.34	164	49204	19.503	ug/l	98
65) Chlorobenzene	10.13	112	135555	19.335	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	51260	19.013	ug/l	100
67) Ethyl Benzene	10.25	91	228796	19.170	ug/l	95
68) m/p-Xylenes	10.36	106	181825	39.369	ug/l	88
69) o-Xylene	10.69	106	90241	19.656	ug/l	87
70) Styrene	10.71	104	149161	19.183	ug/l	95
71) Bromoform	10.85	173	46029	18.571	ug/l #	97
73) Isopropylbenzene	11.02	105	232596	18.660	ug/l	94
74) N-amyl acetate	10.90	43	92532	18.780	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	79490	18.630	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	63702m	17.836	ug/l	
77) Bromobenzene	11.26	156	65511	19.112	ug/l	78
78) n-propylbenzene	11.36	91	256724	18.500	ug/l	94
79) 2-Chlorotoluene	11.42	91	151509	18.179	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	195734	18.644	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	27084	16.755	ug/l	86
82) 4-Chlorotoluene	11.51	91	173760	18.353	ug/l	90
83) tert-Butylbenzene	11.77	119	198127	18.645	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	195238	18.411	ug/l	95
85) sec-Butylbenzene	11.94	105	230359	18.608	ug/l	95
86) p-Isopropyltoluene	12.06	119	213608	18.874	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	114921	19.034	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	115374	18.956	ug/l	98
89) n-Butylbenzene	12.38	91	179961	18.473	ug/l	97
90) Hexachloroethane	12.59	117	38889	17.250	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	116090	19.778	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17689	17.618	ug/l	65

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	80766	18.798	ug/l	99
94) Hexachlorobutadiene	13.78	225	38626	20.214	ug/l	99
95) Naphthalene	13.83	128	255253	18.872	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	80321	18.907	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

